

Listing of the Claims:

1 – 6 (Canceled)

7. (Currently Amended) ~~The drill accessory of claim 6 wherein the key hole is~~ A subsurface object locating accessory for use with a hand drill having a drill housing, the accessory comprising:

an accessory housing having a substantially flat surface for sliding across a wall surface and an attachment member located adjacent the substantially flat surface and including a keyhole slot having an enlarged area and a narrowed area sized and dimensioned to receive a projecting attachment member in the drill housing for detachably mounting the accessory housing to the drill housing;

sensing circuitry contained within the accessory housing for detecting subsurface objects probed by said accessory; and

an object indicator connected to the sensing circuitry for indicating the presence of a subsurface object.

8. (Previously Amended) The drill accessory of claim 7, wherein the accessory housing has two laterally spaced key hole slots, each of the keyhole slots being sized and dimensioned to receive an attachment member in the drill housing.

9. (Previously Amended) The drill accessory of claim 8, wherein the substantially flat surface of the accessory housing comprises a base plate, the key hole slots being defined in the base plate.

10. (Previously Amended) The drill accessory of claim 9, wherein the base plate is sized and dimensioned to be received in a mounting plate in the drill housing, the key hole slots in the base plate being removably attachable to a corresponding attachment member in the drill housing.

11. (Previously Amended) A hand drill including a detachable subsurface object locator accessory for detecting the presence of an object beneath a surface being probed with the locator, comprising:

a drill housing defining an accessory mount having a mounting surface for receiving a substantially flat surface and including a first attachment member;

a locator housing having a substantially flat bottom surface for sliding along a surface to be probed, the substantially flat bottom surface including a second attachment member engaged with the first attachment member for detachably mounting the locator housing to the accessory mounting surface of the drill housing;

sensing circuitry contained within the locator housing for detecting subsurface objects; and

an object indicator connected to the sensing circuitry for indicating the presence of a subsurface object.

12. (Previously Presented) The hand drill of claim 11, wherein the second attachment member is a slot.

13. (Previously Presented) The hand drill of claim 12, wherein the first attachment member is a projecting attachment tab sized and dimensioned to be received in the slot.

14. (Previously Presented) The hand drill of claim 12, wherein the slot comprises a keyhole shape.

15. (Previously Presented) The hand drill of claim 13, wherein the second attachment member comprises a key hole slot having an enlarged area and a narrowed area, and the projecting attachment tab of the first attachment member is smaller than the enlarged area of the key hole slot in the second attachment member and larger than the narrowed area of the key hole slot in the second attachment member.

16. (Previously Presented) A hand drill including a detachable subsurface object locator accessory for detecting the presence of an object beneath a surface being probed with the locator, comprising:

a drill housing defining an accessory mount having a mounting surface for receiving a substantially flat surface and including a projecting attachment tab;

a locator housing having a substantially flat bottom surface for sliding along a surface to be probed, the substantially flat bottom surface including a slot sized and dimensioned to engage with the projecting attachment tab for detachably mounting the locator housing to the accessory mounting surface of the drill housing;

sensing circuitry contained within the locator housing for detecting subsurface objects; and

an object indicator connected to the sensing circuitry for indicating the presence of a subsurface object.